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SPEC of 1/30/2004

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~~Fig. 18 is a schematic sectional plan view showing interference between a circulating flow and an ejected and reversed surfacing flow caused by electromagnetic agitation in the meniscus area.~~

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5 In the figures, the following reference numerals

designate the following components and features:

1. Immersion nozzle
2. Flow speed of the molten metal
3. Mold flux
- 10 4. Non-metal inclusions
5. Surface segregation
6. Casting mold
7. Electromagnet
8. Iron core
- 15 9. Coil
10. Longitudinal width vibrating flow
11. Transverse width vibrating flow
12. Bulk current
13. Comb-shaped iron core

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on page 9 of SPEC
dated 1/30/2004

(since there is no
Figure 18 in
drawings (DRW)
of 1/30/2004

20 14. Comb teeth portion

15. Molten surface

16. Electromagnetic coil

17. Solidified shell

18. DC supplied coils

25 19. AC supplied coils

20. Direction of the DC magnetic field

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